

## Who Needs Two Doses of 2015-16 Seasonal Influenza Vaccine?

## 2015-16 Pediatric 2-Dose Algorithm for Children 6 months through 8 years

Has the child received at least 2 or more doses\* of seasonal influenza vaccine (IIV or LAIV) prior to July 1, 2015?

Yes

No/Not Sure

Give 1 dose of 2015-16 flu vaccine

Give 2 doses of 2015-16 flu vaccine\*\*

## Points to consider for the 2015-16 Influenza Season

- All persons aged 6 months and older will need at least 1 dose of 2015-16 flu vaccine; some children aged 6 months through 8 years will need 2 doses of 2015-16 flu vaccine
- Children aged 6 months through 8 years who received at least 2 or more doses of seasonal flu vaccine (IIV3, IIV4, LAIV3 or LAIV4) prior to July 1, 2015, only need 1 dose of 2015-16 seasonal flu vaccine
- If a child has not received at least 2 seasonal flu doses (IIV3, IIV4, LAIV3 or LAIV4) before July 1, 2015, administer 2 doses of flu vaccine; separated by 4 weeks
  - Doses of monovalent H1N1 vaccine do not count towards assessment; it is not considered a seasonal flu vaccine
- When assessing a child's flu vaccine history to determine if 1 or 2 doses are needed, only review flu vaccine doses given prior to July 1, 2015 (do not include doses received during the 2015-16 flu season)
- Persons aged 9 years and older only need 1 dose of flu vaccine, regardless of previous flu vaccination history
- There is no preference for LAIV4 over IIV3 or IIV4 for any age group
  - Data from recent flu seasons indicated there was no better protection from LAIV over IIV
- Abbreviations for 2015-16 flu vaccine: <u>Inactivated Influenza Vaccine</u>, trivalent (IIV3) and quadrivalent (IIV4) and <u>Live Attenuated Influenza Vaccine</u>, quadrivalent (LAIV4)

## Remember influenza dosage is based on age:

- 0.25 mL is a <u>full dose</u> for a child aged 6-35 months; if 2 doses are needed in a season, give 2 doses of 0.25 mL separated by 4 weeks
- 0.5 mL is a <u>full dose</u> for persons age 3 years & older; if 2 doses are needed in a season, give 2 doses of 0.5 mL separated by 4 weeks
- 0.2 mL of LAIV is a <u>full dose for healthy persons 2-49 years</u>; if 2 doses are needed, give 2 doses of 0.2 mL separated by 4 weeks
- A child aged 2 years 11 months should receive 0.25 mL of IIV or 0.2 mL of LAIV. If child returns 4 weeks later for 2<sup>nd</sup> dose and is aged 3 years, dose will be 0.5 mL of IIV or 0.2 mL of LAIV

Refer to: "Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the ACIP, U.S., 2015-16 Influenza Season, MMWR, Vol. 64(30); 818-825 8/7/15 located at <a href="http://www.cdc.gov/vaccines">http://www.cdc.gov/vaccines</a>. For further information & additional forms regarding flu vaccination, refer to: <a href="http://www.michigan.gov/flu">http://www.cdc.gov/vaccines</a> or <a href="http://www.cdc.gov/mmwr">http://www.cdc.gov/mmwr</a> August 21, 2015

<sup>\*</sup>The 2 doses of flu vaccine need not have been received in the same season or consecutive seasons

<sup>\*\*</sup>Separate 2 doses of flu vaccine by at least 4 weeks